

## ABSTRACT

A door open-close device for control of a lock mechanism of a door is housed in a door handle. The door open-close device is provided with a lock switch connected to an external circuit  
5 so as to control the external circuit; and an antenna disposed to have a gap toward the lock switch and press down the lock switch at a time of deforming by being grasped by an operator, the antenna including a core portion of a soft magnetic material having flexibility and a conductor wound around the core portion, the  
10 conductor being connected to the external circuit so as to communicate with an external portable device.